Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Saturday 23 Mar 2024 until 23:59 on Sunday 24 Mar 2024

Forecast Issued on Saturday 23 Mar 2024 at 02:09

Confidence: High for showers for Saturday, medium for the transition to frontal precipitation late Sunday, into Monday, lowering confidence of the detail of worst of conditions thereafter.

Headline for Saturday 23 Mar 2024: Cold and windy with wintry showers. Strong to gale summit winds bringing severe wind chill.

Mountain weather hazards on Saturday 23 Mar 2024

Blizzards
No Likelihood

Gales
Low Likelihood

Thunderstorms
Low Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
Medium Likelihood

Heavy persistent rain
No Likelihood

Storm force winds
No Likelihood

Poor visibility
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy snow showers	Heavy snow showers	Heavy snow showers	Heavy snow showers	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability					
40%	40%	40%	40%	30%	20%

Forecast for Saturday 23 Mar 2024

Weather: Rather cloudy and showery with outbreaks heavy at times, bringing the risk of hail and thunder, particularly across the west of the area. Showers dwindling through the evening. Snow level 300-400m, rising 500-600m from mid-afternoon.

Chance of cloud-free hill tops above 800m: 30-40% for any given time but very low for extended clear periods.

Low cloud and visibility: Good or very good becoming moderate or poor in rain showers, very poor in snow showers and within cloud with bases quite frequently lowering 600m.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Saturday 23 Mar 2024

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	45/53 W	38/46 W	36/47 W	41/52 W	37/48 NW	35/44 NW	39/49 NW
600	37/46 W	32/41 W	31/42 W	34/47 W	29/41 W	27/38 NW	29/40 NW
300	15/41 W	12/34 W	14/37 W	16/40 W	14/36 NW	13/33 NW	12/33 NW
Valley	13/37 W	12/33 W	15/34 W	16/37 W	13/31 W	12/31 NW	12/31 NW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-3/-13	-3/-13	-2/-12	-0/-10	-1/-9	-1/-10	-2/-11
600	-1/-10	-1/-9	0/-8	2/-6	2/-6	1/-6	1/-7
300	1/-4	1/-4	3/-2	4/-1	4/-1	3/-1	3/-2
Valley	3/-1	4/0	6/2	7/3	6/3	6/2	6/2
Freezing Level*	400m	400m	600m	800m	800m	700m	700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Severe wind chill for most routes at first, becoming confined from mid-levels later as freezing levels lift a little.

Forecast for Sunday 24 Mar 2024

Weather: Brighter spells and only a few light well scattered showers for much of the day, but increasing chance of rain and summit snow extending erratically from the west for the evening and night.

Maximum wind: Northwest beginning mean 25-30mph with gusts reaching 40mph across most exposed ridges and summits, before slowly moderating through the day.

Chance of cloud-free hill tops above 800m: 80% lowering from evening

Low cloud and visibility: Good or very good becoming moderate or poor in rain showers, very poor in snow showers and within cloud with bases quite infrequently lowering 600m by day.

Temperature: **Valleys:** Plus 3 Celsius increasing 11 Celsius during the afternoon
At 800m: Minus 2 to plus 2 Celsius
Freezing level: 700-900m

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Friday 22 March 2024 Location: Sale Fell at 13:31. Full report: A dry and bright day with cold westerly winds. The Lakeland fells are essentially snow-free with just a few very small and insignificant patches remaining on north and east-facing slopes above 900m. These are not in areas frequented by walkers and are so small they don't really warrant a mention! Despite the lack of snow, colder conditions have returned and any precipitation falling tonight and/or tomorrow is likely to fall as snow down to as low as 400m initially. The higher fells are likely to be sub-zero tomorrow with strong winds (gale force) at times. The combined effect of the wind is likely to produce windchill (feels-like temperature) as low as -15C. Full winter clothing (warm and waterproof) including hats and gloves, and equipment including a map, compass and headtorch are all essential. Temperature: plus 5.7 C, Maximum wind speed 30.5 mph, Wind chill: minus 1.4 C, Average wind speed: 26.5 mph

Issued at: 02:09 on Sat 23 Mar 2024

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